

PM Conformity Hot Spot Analysis – Project Summary for Interagency Consultation

RTIP ID# <i>(required)</i> 0RA120535				
Project Description <i>(clearly describe project)</i> In the City of San Juan Capistrano and County of Orange from Calle Entradero to San Antonio Parkway. Widen from 2 Lanes to 4 Lanes.				
Type of Project <i>(use Table 1 on instruction sheet)</i> Change to existing State Highway				
County Orange	Narrative Location/Route & Postmiles 12-Ora-74-KP 1.6/4.7 Caltrans Projects – EA# 12-086900			
Lead Agency: Caltrans				
Contact Person Ahmed Abou-Abdou	Phone# 949-724-2768	Fax# 949-440-4465	Email aabouabd@dot.ca.gov	
Hot Spot Pollutant of Concern <i>(check one or both)</i> PM2.5 X PM10 X				
Federal Action for which Project-Level PM Conformity is Needed <i>(check appropriate box)</i>				
Categorical Exclusion (NEPA) <input type="checkbox"/>	<input checked="" type="checkbox"/> EA or Draft EIS	<input type="checkbox"/> FONSI or Final EIS	<input type="checkbox"/> PS&E or Construction	<input type="checkbox"/> Other
Scheduled Date of Federal Action:				
Current Programming Dates <i>as appropriate</i>				
	PE/Environmental	ENG	ROW	CON
Start	July 1999	March 2006	February 2007	March 2008
End	February 2007	February 2008	February 2008	May 2010
Project Purpose and Need (Summary): <i>(attach additional sheets as necessary)</i> The purpose of this project is to improve the traffic flow within the project limits. Currently the existing traffic demand exceeds traffic capacity. The roadway operates at the level of service (LOS) F. The traffic forecast for the year 2030 is 41,000 vehicles per day (ADT) and 3,530 vehicles for the peak hour for both directions. Based on the traffic forecast the roadway will continue to operate at LOS F in the year 2030.				

Surrounding Land Use/Traffic Generators *(especially effect on diesel traffic)*

Areas of the City of San Juan Capistrano and unincorporated Orange County are located in the Trabuco RSA. A substantial portion of this large, sparsely populated region occupying eastern Orange County contain unincorporated, undeveloped land including designated open spaces such as O'Neil and Caspers Parks and a large section of the Cleveland National Forest. Trabuco RSA is framed by Santiago and Black Star Canyons on the west, I-405 on the south, and Riverside County to the east. Although this RSA contains the Cities of Mission Viejo, Lake Forest, Rancho Santa Margarita, areas of San Clemente and San Juan Capistrano, and the rural communities of Silverado, Modjeska, and Trabuco Canyons, over 26% of the land area remains developable. This represents the highest percentage of all Orange County's RSAs. Approximately three-quarters of the County's planned communities with future growth potential are located here, primarily Ladera Ranch and Rancho Mission Viejo.

The Ladera Ranch planned community development consists of 8,100 residential units plus commercial uses and the nearby Talega residential development comprises 4,965 units.

The Rancho Mission Viejo Planned Community development projected land use consists of 22,815 gross acres and the following types of uses:

Residential: Gross acres = 7,277 Maximum Dwelling Units = 14,000

Urban Activity Center: Gross acres = 251 Maximum Square Footage = 3,480,000

Neighborhood Center: Gross acres = 50 Maximum Square Footage = 500,000

Business Park: Gross acres = 80 Maximum Square Footage = 1,220,000

Golf Resort: Gross acres = 25

Open Space Use: Open space acres = 15,132

Opening Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility	
Build	No Build
LOS D (AM and PM)	LOS F (AM and PM)
AADT = 28,000	AADT = 28,000
% Trucks = 7%	% Trucks = 7%
Truck AADT = 1,960	Truck AADT = 1,960

RTP Horizon Year / Design Year: Build and No Build LOS, AADT, % and # trucks, truck AADT of proposed facility	
Build	No Build
LOS C (AM and PM)	LOS F (AM and PM)
AADT = 42,000	AADT = 42,000
% Trucks = 5%	% Trucks = 5%
Truck AADT = 2,200	Truck AADT = 2,200

Opening Year: If facility is an interchange(s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT
NA

RTP Horizon Year / Design Year: If facility is an interchange (s) or intersection(s), Build and No Build cross-street AADT, % and # trucks, truck AADT
NA

Describe potential traffic redistribution effects of congestion relief (*impact on other facilities*)
Since there are few parallel routes, the redistribution effects will be minimal.

Comments/Explanation/Details (*attach additional sheets as necessary*)

The Project is included in the FY 1996/2003 RTIP and the 2006 FTIP. The purpose of the project is to improve the traffic flow within the project limits. Currently, the existing traffic demand exceeds traffic capacity. The roadway operates at the LOS F, the traffic forecast for the year 2030 will be LOS F (No Built) and LOS C (Built).